

Title (en)

SYSTEM FOR GUIDED REMOVAL FROM AN IN VIVO SUBJECT

Title (de)

SYSTEM FÜR GESTEUERTE ENTFERNUNG VON EINER IN VIVO-PERSON

Title (fr)

SYSTÈME POUR L'ÉLIMINATION GUIDÉE À PARTIR D'UN SUJET IN VIVO

Publication

**EP 2967608 B1 20181114 (EN)**

Application

**EP 14775184 A 20140313**

Priority

- US 201361783239 P 20130314
- US 2014026037 W 20140313

Abstract (en)

[origin: WO2014160201A2] A device for removing objects from an in vivo subject includes vacuum tube adapted to be associated with a sheath sized to be inserted into a passageway of the subject. The vacuum tube provides a suction channel extending therethrough. A navigation mechanism is designed to guide the vacuum tube through the passageway. The removal device is designed to remove debris having an approximate diameter of between about 0.0001 mm to about 8 mm.

IPC 8 full level

**A61B 17/22** (2006.01)

CPC (source: EP US)

**A61B 17/22** (2013.01 - US); **A61B 17/22031** (2013.01 - EP US); **A61M 1/77** (2021.05 - EP US); **A61B 2017/22038** (2013.01 - US); **A61B 2017/22039** (2013.01 - EP US); **A61B 2017/22079** (2013.01 - EP US); **A61B 2018/00511** (2013.01 - US)

Cited by

US11160968B2; US11724084B2; EP3765775B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2014160201 A2 20141002; WO 2014160201 A3 20141113**; EP 2967608 A2 20160120; EP 2967608 A4 20161221;  
EP 2967608 B1 20181114; EP 3459472 A1 20190327; EP 3459472 B1 20200513; EP 3711688 A1 20200923; US 10391209 B2 20190827;  
US 2016030070 A1 20160204; US 2017065752 A1 20170309

DOCDB simple family (application)

**US 2014026037 W 20140313**; EP 14775184 A 20140313; EP 18205890 A 20140313; EP 20173222 A 20140313; US 201414774418 A 20140313;  
US 201615354457 A 20161117